

Client's ref.:C89014/2001-07-02
File:0535-5510USfinal/Shen/Kevin/Ivy

What Is Claimed Is:

1 1. A collapsible keyboard, including:

2 a first keyboard-base section;

3 a second keyboard-base section rotatably connected to the
4 first keyboard-base section so that the first and second
5 keyboard-base sections are rotatable toward each other;

6 a first key-base section provided on the first
7 keyboard-base section;

8 a second key-base section rotatably connected to the first
9 key-base section so that the first and second key-base sections
10 are rotatable toward each other, wherein the second key-base
11 section is separably provided on the second keyboard-base
12 section; and

13 a plurality of keys mounted on the first and second key-base
14 sections.

15 2. A collapsible keyboard as claimed in claim 1, further
16 including a fixed hinge by which the first and second key-base
17 sections are connected together.

18 3. A collapsible keyboard as claimed in claim 2, wherein
19 the fixed hinge includes a pivot and two connecting rods, and
20 the first and second key-base sections are connected to the pivot
21 via the two connecting rods.

22 4. A collapsible keyboard as claimed in claim 1, further
23 including a hinge by which the first and second key-base sections
24 are connected together.

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1 5. A collapsible keyboard as claimed in claim 4, wherein
2 the hinge includes a first end connected to the first key-base
3 section, a second end connected to the second key-base section,
4 and a connecting portion connected between the first end and the
5 second end.

1 6. A collapsible keyboard as claimed in claim 1, further
2 including a movable hinge connecting the second key-base section
3 and the second keyboard-base section, and the second
4 keyboard-base section is moved by the second key-base section
5 via the movable hinge when the first and second key-base sections
6 are rotated toward each other.

7. A collapsible keyboard as claimed in claim 6, wherein
the second keyboard-base section defines a groove to contain the
movable hinge.

8. A collapsible keyboard, including:

 a first keyboard-base section;

 a second keyboard-base section rotatably connected to the
4 first keyboard-base section so that the first and second
5 keyboard-base sections are rotatable toward each other;

 a first key-base section provided on the first
7 keyboard-base section;

 a second key-base section separably provided on the second
9 keyboard-base section and rotatably connected to the first
10 keyboard-base section so that the first keyboard-base section
11 and the second key-base section are rotatable toward each other;
12 and

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13 a plurality of keys mounted on the first and second key-base
14 sections.

1 9. A collapsible keyboard as claimed in claim 8, further
2 including a movable hinge by which the first keyboard-base
3 section and the second key-base section are connected together.

1 10. A collapsible keyboard as claimed in claim 9, wherein
2 the movable hinge includes a first end movably and rotatably
3 connected to the first keyboard-base section, a second end
4 rotatably connected to the second key-base section, and a
5 connecting portion connected between the first end and the
6 second end.

1 11. A collapsible keyboard as claimed in claim 10, wherein
2 the first keyboard-base section defines a groove to contain the
3 first end of the movable hinge.

1 12. A collapsible keyboard as claimed in claim 10, wherein
2 the first end of the movable hinge includes a pivot, and the pivot
3 defines a gap so that the pivot can be compressed.

1 13. A collapsible keyboard as claimed in claim 10, wherein
2 the second end of the movable hinge includes a pivot, and the pivot
3 defines a gap so that the pivot can be compressed.

1 14. A collapsible keyboard as claimed in claim 8, further
2 including a movable hinge by which the second keyboard-base
3 section and the second key-base section are connected together,
4 wherein the second keyboard-base section is moved by the second

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5 key-base section via the movable hinge when the second key-base
6 section and the first keyboard-base section are rotated toward
7 each other.

1 15. A collapsible keyboard as claimed in claim 14, wherein
2 the second keyboard-base section defines a groove to contain the
3 movable hinge.

4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20